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ABSTRACT

Isolated peptides, peptidomimetics, and antibodies which bind to the viral fusion protein binding domain of the RhoA protein or the RhoA binding domain of a viral fusion protein are useful for inhibiting infection in susceptible cells, in vitro and in vivo. Among these viruses are the Paramyxovirus respiratory syncytial virus (RSV) and the Lentivirus human immunodeficiency virus (HIV).